

Serial Number - Unassigned

CYTOTOXIC FACTORS FOR MODULATING CELL DEATH

Case Number - 11472/11 Figure 1 of 15 figures Sheet 1 of 15 sheets of drawings
Inventor - Das Gupta et al.

Fig. 1

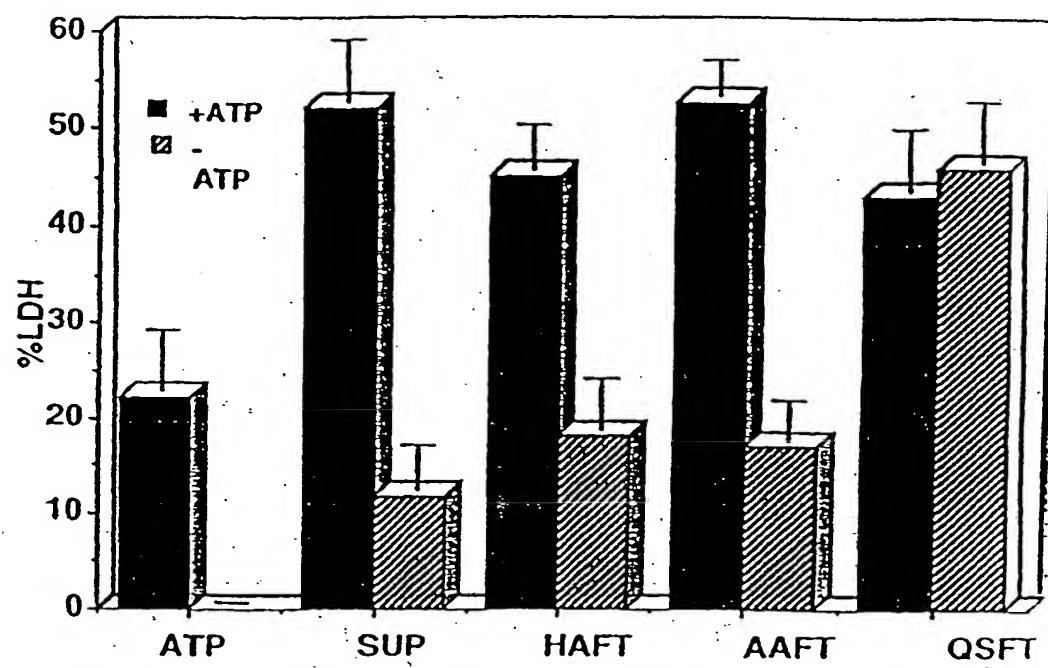


Fig. 2

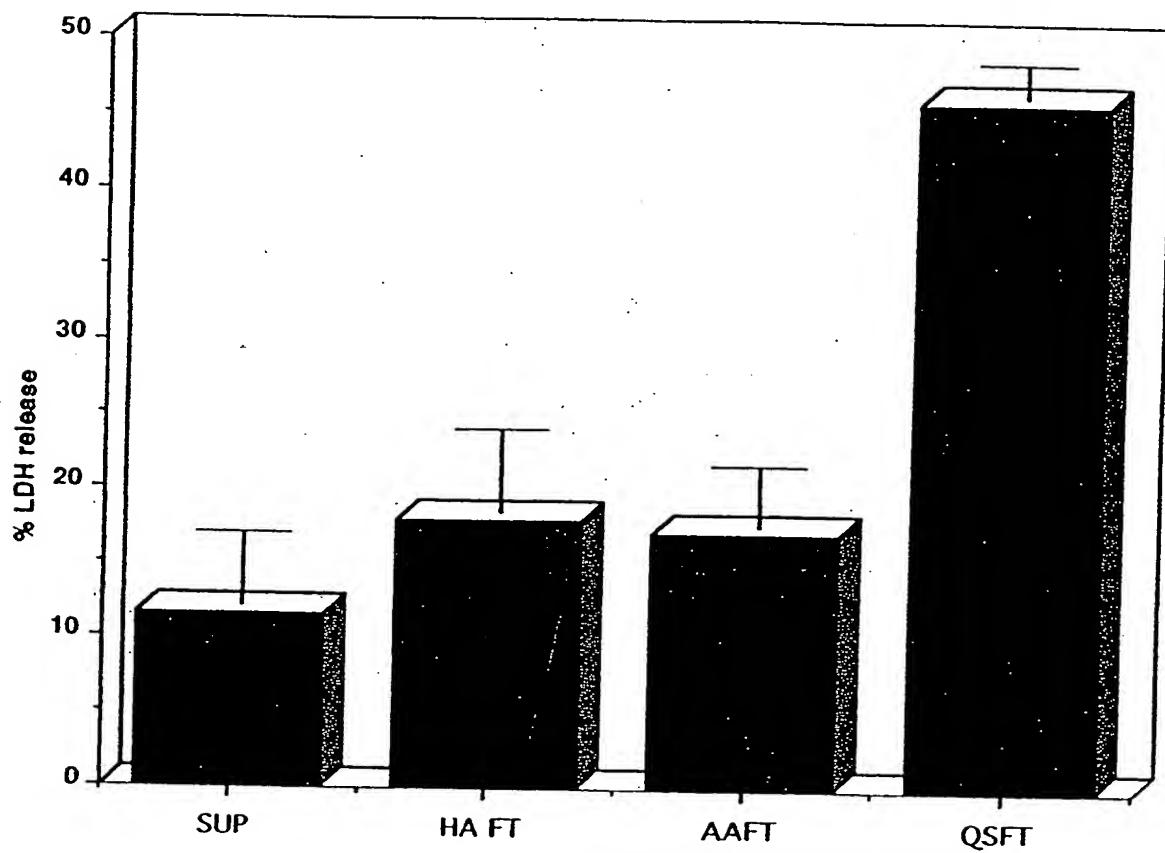


Fig. 3

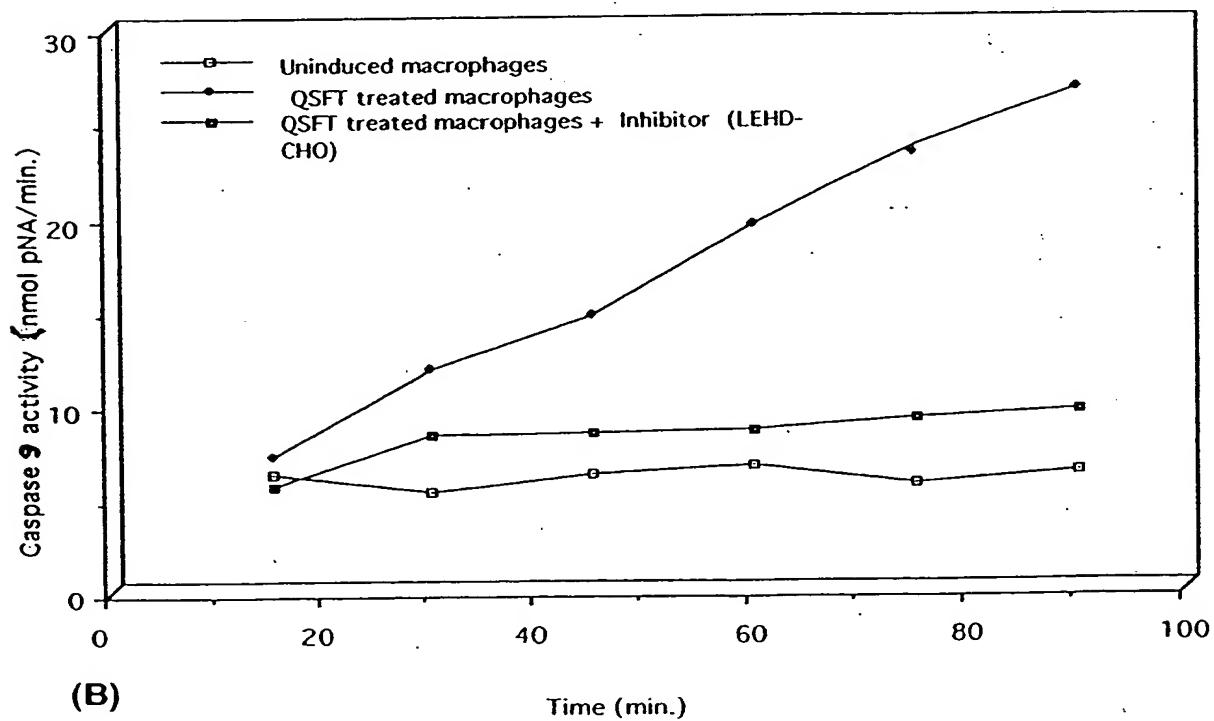
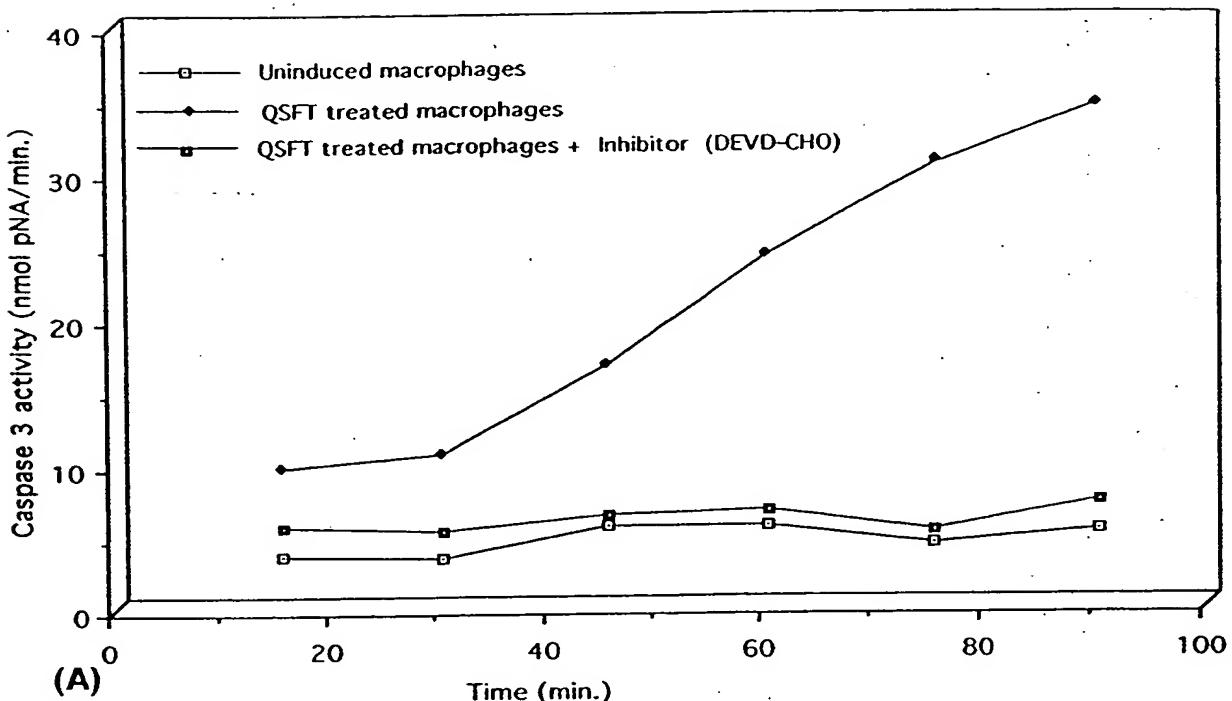
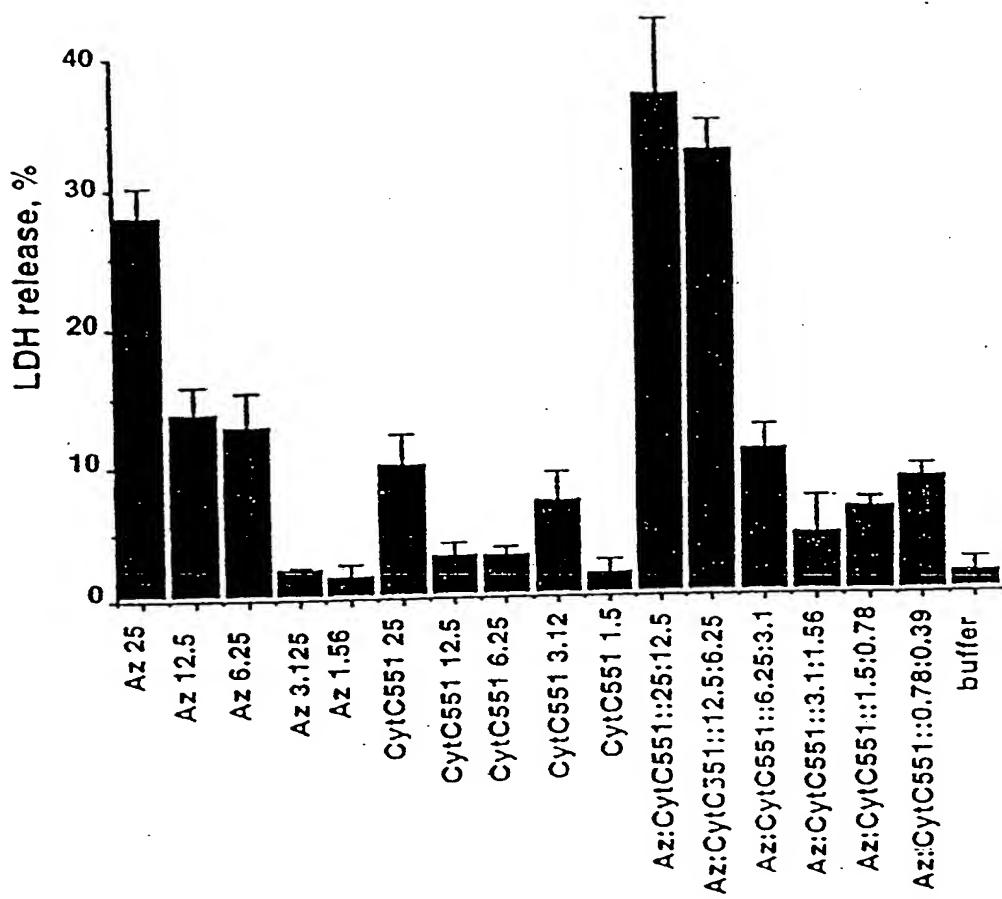


Fig. 4

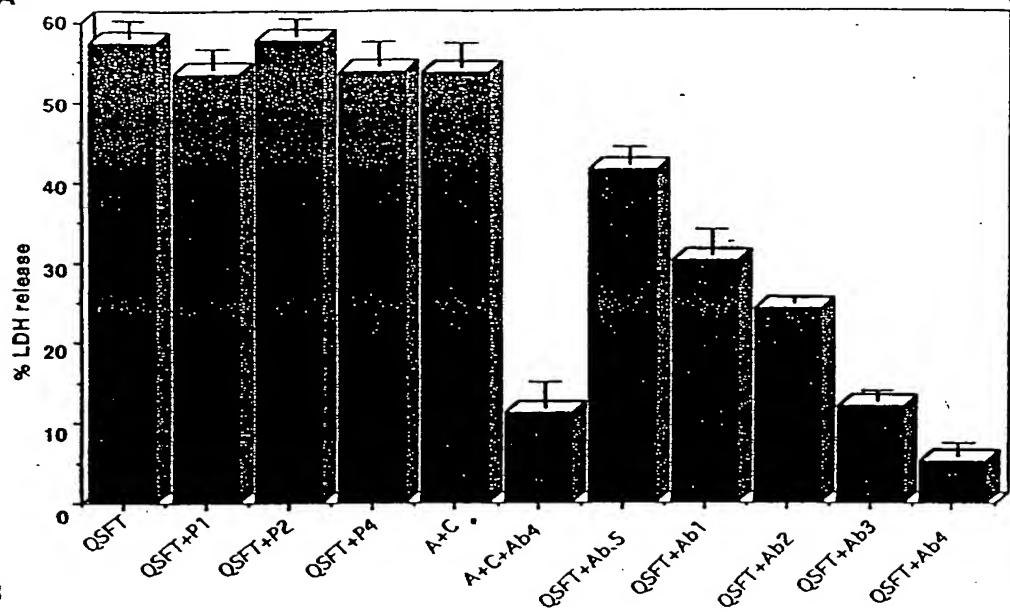


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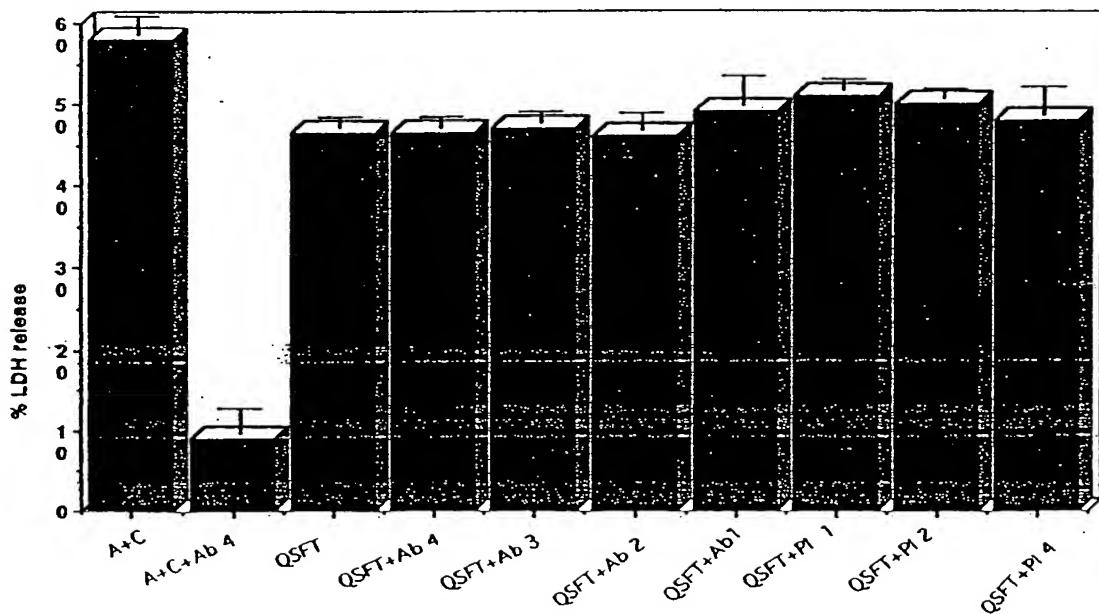
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Inventor - Das Gupta *et al.*

Fig. 5

A



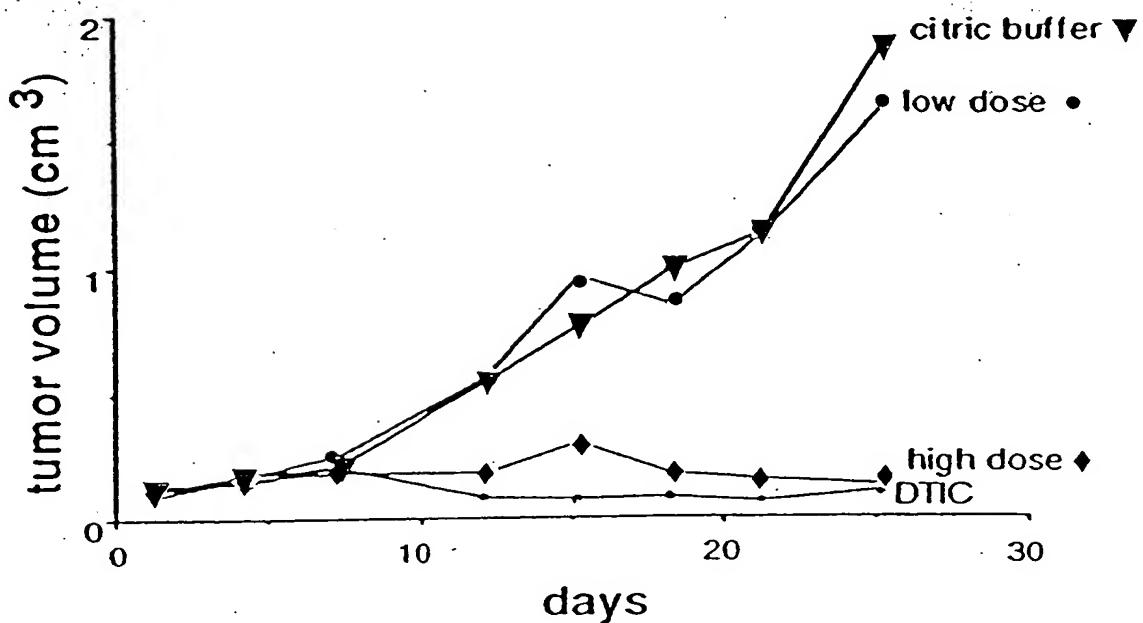
B



CYTOTOXIC FACTORS FOR MODULATING CELL DEATH

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Fig. 6



CYTOTOXIC FACTORS FOR MODULATING CELL DEATH

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Fig. 7

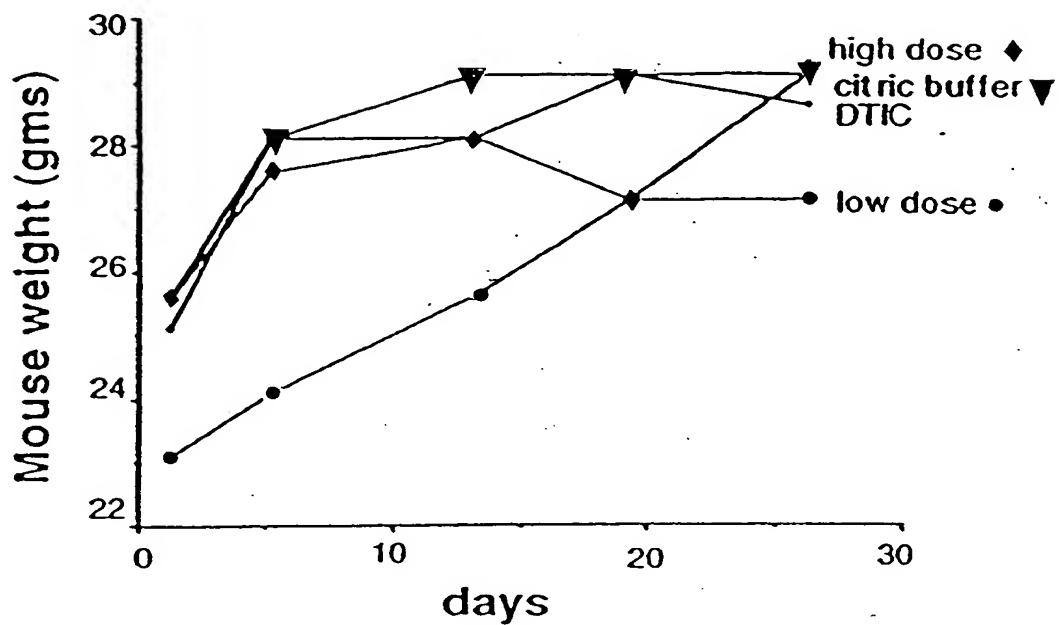


Fig. 8

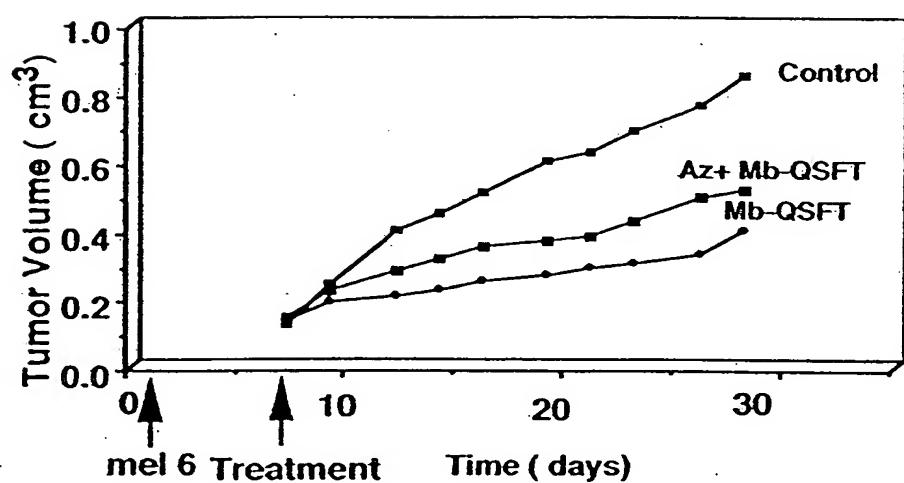


Fig. 9

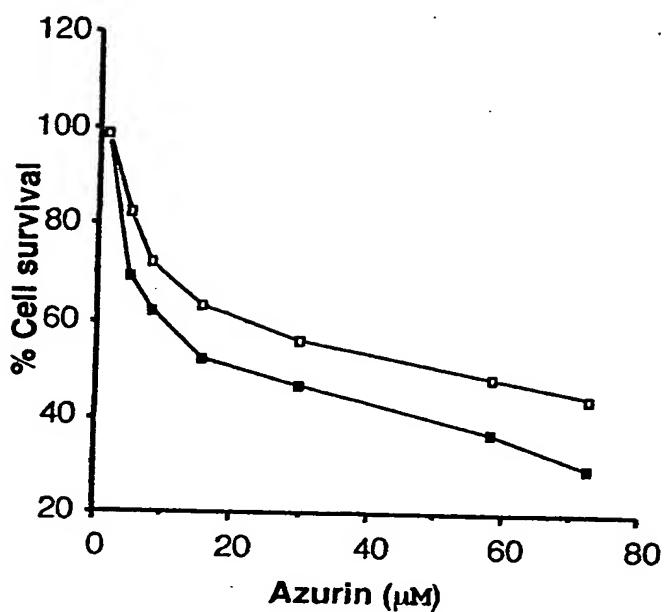
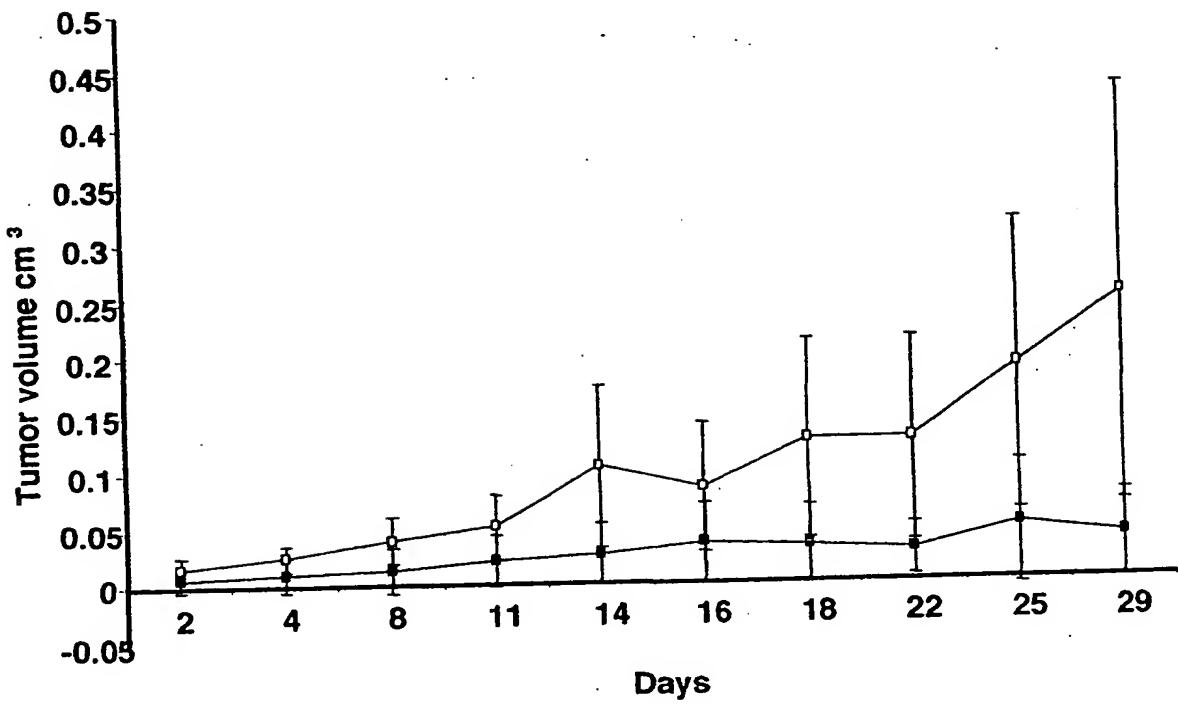


Fig. 10



CYTOTOXIC FACTORS FOR MODULATING CELL DEATH

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Fig. 11

A

	EP1			EP2	EP3	EP4
				44 46		64
PA	1: -AECSVDIQQNDQMDFNTNAITVDKSCQFTVNLSPGNLPKNVGMHNWLSTAADMCGVVTDGM					
AF	1: --ACDVSVIEGNDMSMQFNTKSIIVVDKSCQFTVNLKHTGKLKPKAAMGHNVVSKKSDESAVATDGM					
AX	1: -ACCEATSVNDAMOYNLKEMVVDKSCQFTVNLKHTGKLKPKAAMGHNVVLTKEADKQGVATDGM					
BB	1: -AECSVDIAGTDQMDFDKKAIEVSKSCQFTVNLKHTGKLPRNVMGHNVVLTKEADMQAVEKDGI					
MJ	1: -ASCETTVTSQDITMDFNTSISVPASCAEFTVNEEHKGHMPKTGMGHNVVLAKSADVGDVAKEGA					
NM	1: -GNCAATVBSNDNMQFNTKOIOVSKACKEFTITIKHTGTQPKASMGMHNWLVIAKAEDMDGVFKDGV					
PF	1: -AECKTTIDSIDQMSFNTKAIEIDKACKTFTVBLTHSGSLPKNVGMHNWLVISQADMQPIATDGL					
PC	1: -AECKVVDVDSIDQMSFNTKEITIDKSCCKTFTVNLTHSGSLPKNVGMHNWLSKSADMAGIATDGM					
XF	1: KT-CAVTTISANDOMKEDONTIKIAAECHVNLTHTGKKSARVMGHNVVLTKEADMQAVALAGL					
		EP5	EP6			
				112	117	
PA	65: ASGLDKDYLKPDDSRVIAHTKLIGSGEKDSVTFDVSKLKEGEQYMFCTFPGHSAIMKGTLTIK-					128
AF	64: KAGLNNDYVKAGDTRVIAHTSVIGGEGEDSVTFDVS KLKEGEDYAFFCSFPGHWSIMKGTLIELGS					
AX	65: NAGLAQDYVKAGDTRVIAHTKVIGGEGEDSVTFDVS KLKEGEAYAYFCSFPGHWAMMKGTLSN					129
BB	65: AAGLDNQMLKAGDTRVIAHTKLGGGEEDSVTFDVS KLKEAGDDYTFCCSFPGHGAIMKGTLKIVD					129
MJ	65: HAGADNNFVTPGDKRVTIAETPIIGGGKTSVKEFVSA LSKEDEAYTYFCSSMRFSSMRGTLKMEEE					129
NM	65: GAADT-DYVKPDDARVVAHTKLIGGEESSLTLDPAKLADCD-YKFACTFPGHGAIMNGKVTLVD					127
PF	65: SAGIDKNYLKEGDTTRVIAHTKVIGAGEKDSLTL DVS KLNAAEKYGFFCSFPGHSIMMKGTVTI K-					128
PC	65: AAGIDDKDYLKPDDSRVIAHTKIIIGSGEKDSVT FDVS KLTAGESYEFFCSFPGHNSSMMKGAVV I-					128
XF	65: HATLADNYVPKADEPVRIAHTAIIGGGERTSITFP NTLSKNVSYTFFCSFPGHWALMKGTLNFGG					129

B

	EP1			EP2	EP3	EP4
				44 46		64
wt azurin	1: AECSVDIQQNDQMDFNTNAITVDKSCQFTVNLSPGNLPKNVGMHNWLSTAADMCGVVTDGMASGLDK					
S1	1: AECSVDIQQNDQMDFNTNAIQVDKSCQFTVNLSPGNLPKNVGMHNWLSTAADMCGVVTDGMASGLDK					
S2	1: AECSVDIQQNDQMDFNTNAIQVDKSCQFTVNLSPGNLPKNVGMHNWLSTAADMCGVVTDGMASGLDK					
S3	1: AECSVDIQQNDQMDFNTNAIQVDKSCQFTVNLSPGNLPKNVGMHNWLSKSADMCGVVTDGMASGLDK					
S3S5	1: AECSVDIQQNDQMDFNTNAIQVDKSCQFTVNLSPGNLPKNVGMHNWLSKSADMCGVATDGMAAALDK					
S3S5S4S6	1: AECSVDIQQNDQMDFNTNAIQVDKSCQFTVNLSPGNLPKNVGMHNWLSKSADMQPIATDGMAAALDK					
S4	1: AECSVDIQQNDQMDFNTNAIQVDKSCQFTVNLSPGNLPKNVGMHNWLSKSADMQPIATDGMASGLDK					
S6	1: AECSVDIQQNDQMDFNTNAIQVDKSCQFTVNLSPGNLPKNVGMHNWLSKSADMQPIATDGMASGLDK					
wtS5	1: AECSVDIQQNDQMDFNTNAITVDKSCQFTVNLSPGNLPKNVGMHNWLSTAADMCGVVTDGMAAALDK					
wtS5S4S6	1: AECSVDIQQNDQMDFNTNAITVDKSCQFTVNLSPGNLPKNVGMHNWLSTAADMQPIATDGMAAALDK					
		EP5	EP6			
				112	117	
wt azurin	71: DYLKPDDSRVIAHTKLIGSGEKDSVTFDVSKLKEGEQYMFCTFPGHSAIMKGTLTLK					
S1	71: DYLKPDDSRVIAHTKLIGSGEKDSVTFDVSKLKEGEQYMFCTFPGHSAIMKGTLTLK					
S2	71: DYLKPDDSRVIAHTKLIGSGEKDSVTFDVSKLKEGEQYMFCTFPGHSAIMKGTLKLK					
S3	71: DYLKPDDSRVIAHTKLIGSGEKDSVTFDVSKLKEGEQYMFCTFPGHSAIMKGTLKLK					
S3S5	71: DYLKPDDSRVIAFTPIIGSGEKDSVTFDVSKLKEGEQYMFCTFPGHSAIMKGTLKLK					
S3S5S4S6	71: DYLKPDDSRVIAFTPIIGSGEKDSVTFDVSKLKEGEQYMFCTFPGHSAIMKGTLKLK					
S4	71: DYLKPDDSRVIAHTKLIGSGEKDSVTFDVSKLKEGEQYMFCTFPGHSAIMKGTLKLK					
S6	71: DYLKPDDSRVIAHTKLIGSGEKDSVTFDVSKLKEGEQYMFCTFPGHSAIMKGTLKLK					
wtS5	71: DYLKPDDSRVIAFTPIIGSGEKDSVTFDVSKLKEGEQYMFCTFPGHSAIMKGTLTLK					
wtS5S4S6	71: DYLKPDDSRVIAFTPIIGSGEKDSVTFDVSKLKEGEQYMFCTFPGHSAIMKGTLTLK					
		EP7				

Fig. 12

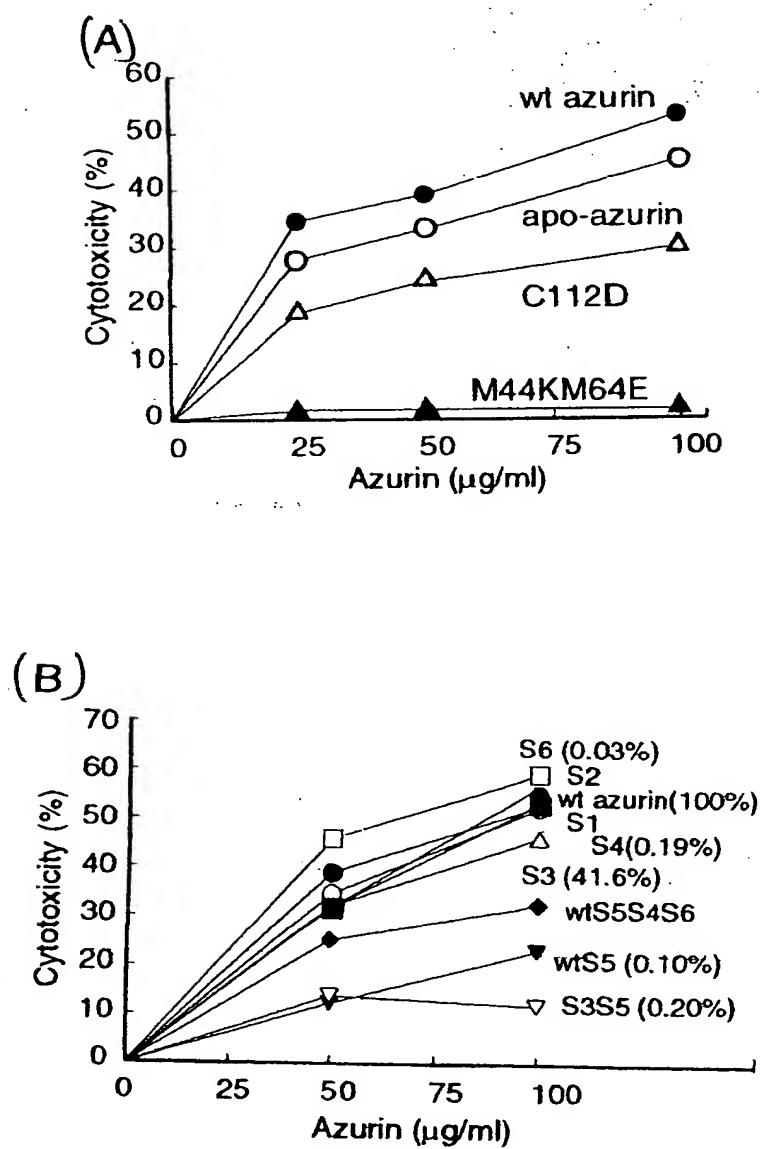
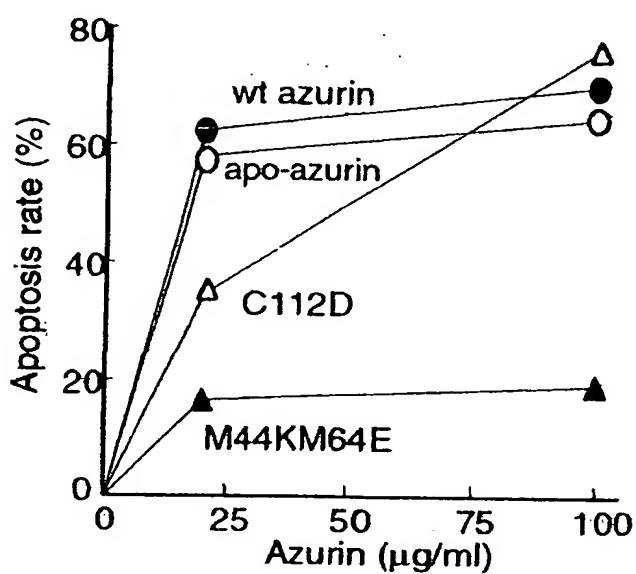


Fig. 13

FIG. 13



CYTOTOXIC FACTORS FOR MODULATING CELL DEATH

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Fig. 14

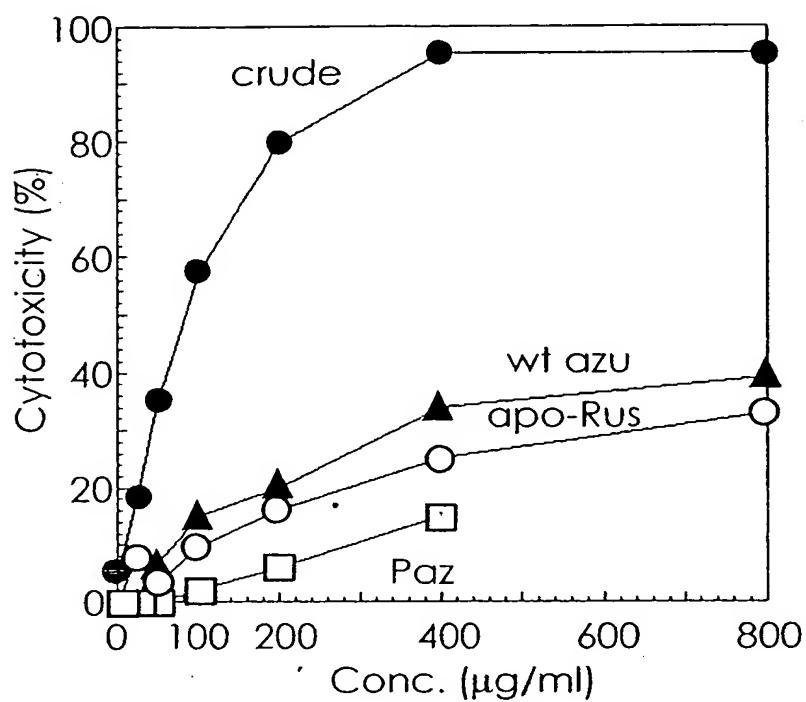


Fig. 15

